

AMENDMENTS TO ABSTRACT

A vacuum pumping arrangement (10) for controlling pressure in a chamber, the arrangement ~~comprising~~ having a molecular pumping mechanism (12) and a backing pumping mechanism (14). The backing pumping mechanism (14) is rotatable by a motor (34), the motor being arranged to rotate the molecular pumping mechanism (12) simultaneously with the backing pumping mechanism (14). ~~Means are provided for controlling t~~ The rotational speeds of the backing pumping mechanism and the molecular pumping mechanism are controlled to provide pressure control in the chamber.